



IN THE CLAIMS:

Please amend claim 23 and add new claims 37-41 as follows. A marked-up version of claim 23 showing the changes made thereto, is attached.

 --23. (Amended) A mesostructured thin film having an uniaxially oriented rod-shaped pore structure formed on a polymer compound, the polymer compound containing a sequence of two or more adjacent methylene groups in a molecular structure of the repeating unit of the polymer compound.--

 --37. (New) The mesostructured thin film according to claim 23, wherein the polymer compound has a functional group different from the methylene groups in the repeating unit.

38. (New) The mesostructured thin film according to claim 23, wherein the polymer compound is a polyimide.

39. (New) The mesostructured thin film according to claim 23, wherein the surface of the polymer compound on which the mesostructured thin film is formed is uniaxially oriented.

40. (New) The mesostructured thin film according to claim 23, wherein a surfactant is contained in the pore structure.